# State of California AIR RESOURCES BOARD

# EXECUTIVE ORDER A-9-313-A Relating to Certification of New Motor Vehicles

## CHRYSLER CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That 1996 model-year Chrysler Corporation exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: TCR122VJG1EK <u>Displacement</u>: 2.0 Liters (122 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Exhaust Gas Recirculation
Heated Oxygen Sensors (two)
Three Way Catalytic Converter
Sequential Multiport Fuel Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The certification exhaust emission standards for this engine family in grams per mile are:

Miles	Non-Methane	Carbon	Nitrogen	Carbon				
	<u>Hydrocarbons</u>	<u>Monoxide</u>	<u>Oxides</u>	<u>Monoxide (20<sup>0</sup>F)</u>				
50,000	0.25	3.4	0.4	10.0				
100,000	0.31		0.6	n/a				

The certification exhaust emission values for this engine family in grams per mile are:

Miles	Non-Methane	Carbon	Nitrogen	Carbon
	<u>Hydrocarbons</u>	<u>Monoxide</u>	<u>Oxides</u>	<u>Monoxide (20<sup>0</sup>F)</u>
50,000	0.13	3.2	0.1	6.4
100,000	0.15	4.0	0.1	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average non-methane organic gas (NMOG) exhaust mass emission requirements as set forth in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the running loss and useful life standards applicable to 1995 and subsequent model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles", and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the manufacturer is certifying the listed vehicle models with a partially complying on-board diagnostic system for the aforementioned model year pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(6.1) ("Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines").

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this  $\frac{2!}{2!}$  day of March 1996.

R). B. Summerfield

Assistant Division Chief Mobile Source Division

E.O.	# <u>A-9</u> -	313	-A
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# 1996 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation Exh Eng Fam: TCR122VJG1EK Evap Fam: TCR1098AYP10
All Eng Codes in Eng Fam: CA X 49S 50S AB965
Exh Std: CA Tier-1_X LEV ULEV ZEV: US EPA Tier-1
Evap Std: 50K Useful Life with R/L_X
Veh Class(es): PC_X
Single Cert Std for Multi-Class Eng Fam: N/A (Specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)
Fuel Type(s): Dedicated_X
CNGLNGLPGM85Other(specify)
Emis Test Fuel(s): IndoPh2_X_CNGLPGM85Other(specify)
Diesel: 13 CCR 2282 or 40 CFR 86.113-90 or 40 CFR 86.113-94
Service Accum: Std AMA Mod AMA _X Mfr ADP Other (Specify)
NMOG Test Procedure: N/A_X_StdEquiv R/L Test Proce: SHEDPt Source_X_
Hybrid: Type A B C, APU Cycle (e.g., Otto, Diesel, Turbine)
Engine Configuration: I-4 Displacement: / 2.0 Liters / 122 Cubic Inches
Valves per Cylinder: 4 Rated HP: 132 @ 6000 RPM
Engine: Front <u>X</u> Mid Rear Drive: FWD <u>X</u> RWD 4WD-FT 4WD-PT
haust ECS (eg., EGR, MFI, TC, CAC): <u>EGR, HO2S(2), SFI, TWC.</u>
(use abbreviations per SAE J1930 SEP91)

Engine Code	Vehicle Models	Trans. Type	ETW	DPA	Ignition	EGR	Catalyst
(also list	(if coded see	M5	or	or	(ECM/PCM).	System	Converter
CA/49ST/50ST)	attachment)	A4	Test Wt.	RLHP	Part No.	Part No.	Part No.
CM-200(CA)  CM-201  CM-202  CA-100(CA)  CA-101  CA-102	JACP41 JADH41 JAPH41 JADP41 JADH41 JAPH41	M5	3250 3375	S E & A T T A C H M E N T	04606320 04606352/ 04606353 04606441/ 04606542 04606300 04606251	04287648	04546832/ 04764026

Date Issued: 03/13/96	
Revisions:	

# MODELS COVERED BY CERTIFICATE

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Engine Family: TCR122VJG1EK Evaporative Fam: TCR1098AYP10

Certificate #:

Model 10	Car Line	Californi Sales
JAPH41	Bresze	YES
JACP 41	Girrus	YES
JADH41	Stratus	YES
JADP41	Stratus	YES

\* - For U.S. Possessions the nameplate will read Chrysler

Body Style 22=2 door coupe 27=2 door convertible 41=4 door sedan 42=4 door subcompact sedan SmSport Lmlow Line P=Plymouth D=Dodge Division L,C=Chrysler Trim Level H=High Line P=Premium X=Eagle Model Codes

PL=Neon JA=Cirrus, Stratus, Breeze JX=Sebring Convertible Car Line

LH=Concorde, New Yorker, LHS, Vision, Intrepid SR=Viper

ADJUSTED LOADED VEHICLE WGT	COAST TIRE DOWN *DYNO PRES ALVW TIME HP F R
JUSTED	COAST DOWN ALVW TIME
LOADED VEHICLE WEIGHT	COLD CO ELECTRIC DYNO COEFFICIENTS  TARGET A B C  (LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED)
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	*DYNO PRES HP F R

	*DYNO	<b>E</b>																																	
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	*DYNO HP		9	6.1	6.2	7.0	6.2	6.1	6.2	7.2	6.2	7.2	6.2	6.2	6.7	6.2	8.2	6.7	6.2	6.2	6.3	6.1	7.2	6.2	7.2	6.2	6.2	6.7	6.2	6.2	6.7	6.2	6.2	6.3	6.1
	COAST DOWN TIME	10 8	10	6.83	15.01	7.15	8.10	6.21	4.46	5.44	90.5	5.4	15.06	5.06	5.11	5.24	90.9	15.11	5.24	90.5	5.73	5.53	5.44	90.5	5.44	5.06	90.9	5.11	5.24	5.06	15.11	15.24	90.61	15.73	5.53
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	TIRE USE	STD						STD 6							STD 9					9 1 40	STD 9											OPT 9			STD 96
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	MODEL	JACP 41	JADH41	JADH41	;	JADP41	JAPH41	JAPH41	1	PLDH22		PLDH42		PLDL22	PLDL42			PLOL42			PL0322	PLDS42	PLPH22	:	PLPH42			PLPL42			PLPL42		4	PLPS22 ECB DD5	PLPS42

/ 10. - VA03 - 400 /

Report Date: 03/13/96 Time: 09:34:23

\* - For DYNO HP = 0.00 Ref To FRONTAL AREA